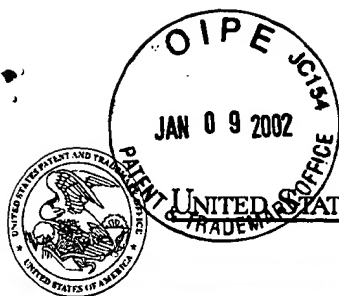


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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/898,743	07/03/2001	Krassen Dimitrov	P-IS 4548

CONFIRMATION NO. 3666

FORMALITIES LETTER



OC000000006518414

23601
CAMPBELL & FLORES LLP
4370 LA JOLLA VILLAGE DRIVE
7TH FLOOR
SAN DIEGO, CA 92122

Date Mailed: 09/06/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

01/14/2002 TBESHAH1 00000194 09898743

FILED UNDER 37 CFR 1.53(b)

01 FC:201	370.00 OP
02 FC:203	576.00 OP
03 FC:202	294.00 OP
04 FC:205	65.00 OP

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$1712.
 - \$1152 for 64 total claims over 20.
 - \$560 for 7 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 2552.**

*A copy of this notice **MUST** be returned with the reply.*

Charlley Young
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT
Our Docket: P-IS 4548

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
 Krassen Dimitrov)
)
Serial No. 09/898,743)
)
Filed: July 3, 2001)
)
For: METHODS FOR DETECTION)
 AND QUANTIFICATION)
 OF ANALYTES IN COMPLEX)
 MIXTURES)

Commissioner for Patents
Washington, D.C. 20231

Sir:

SMALL ENTITY STATEMENT

The U.S. Patent and Trademark (USPTO) permits parties that establish status as a Small Entity to pay certain reduced fees (all citations to 37 C.F.R. § 1.27 except as noted). To be entitled to Small Entity Status, a party must be at least one of the following:

(1) Individual person:

An individual person, including an inventor and persons to whom an inventor has transferred some rights in the invention. § 1.27(a)(1).

(2) Small business concern:

A business concern whose number of employees, including affiliates, does not exceed 500 persons. § 1.27(a)(2) (incorporating 13 C.F.R. § 121.802).

"Business concern" means individual proprietorship, partnership, limited liability company, corporation, joint venture, association,

Inventors: Krassen Dimitrov
Serial No.: 09/898,743
Filed: July 3, 2001
Page 2

trust or cooperative. If the concern is a joint venture, participation by foreign business entities may not be more than 49%. 13 C.F.R. § 121.105.

The "number of employees" is the average number of employees, including the employees of its domestic and foreign affiliates, based on numbers of employees for each of the pay periods for the preceding completed 12 calendar months.

"Employees" includes all individuals employed on a full-time, part-time, temporary, or other basis. Part-time and temporary employees are counted the same as full-time employees. If a concern has not been in business for 12 months, use the average number of employees for each of the pay periods it has been in business. 13 C.F.R. § 121.106.

Concerns are "affiliates" of each other when one concern directly or indirectly controls or has the power to control the other, or when a third party or parties controls or has the power to control both concerns. 13 C.F.R. § 121.103(a).

(3) Nonprofit organization:

A university or other institution of higher education located in any country. § 1.27(a)(3)(ii)(A).

An organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1986 and exempt from taxation under section 501(a). Also included are such organizations located in a foreign country that would qualify if it were located in this country. § 1.27(a)(3)(ii)(B), (D).

A nonprofit scientific or educational organization qualified under a nonprofit organization statute of a U.S. state. Also included are such organizations located in a foreign country that would qualify if it were located in this country. § 1.27(a)(3)(ii)(C), (D).

Inventors: Krassen Dimitrov
Serial No.: 09/898,743
Filed: July 3, 2001
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Please note that a license to the Government resulting from a rights determination under Executive Order 10096 does not constitute a license that would prohibit claiming Small Entity Status. Similarly, for small business concerns and nonprofit organizations, a license to a Federal agency resulting from a funding agreement with that agency under 35 U.S.C. § 202(c)(4) is not a license that would prohibit claiming Small Entity Status. § 1.27(a)(4).

I hereby assert that I am empowered to sign on behalf of the party identified below ("Party"). Persons empowered to sign include an inventor him- or herself or an authorized officer of the assignee, where the assignee has at least an undivided part interest in the application or patent. § 1.27(c)(2).

I have made a determination of the Party's entitlement to Small Entity Status, including a determination that all parties holding rights in the invention qualify for Small Entity Status. § 1.27(f).

I hereby assert that the Party has not assigned, granted, conveyed or licensed--and is under no obligation under contract or law to do so--any rights in the invention to any other party that would not qualify as a Small Entity. If the rights in the invention held by the Party are not exclusive, each party having rights in the invention is listed below:

None

Separate assertions of Small Entity Status should be obtained from each party having rights to the invention.

Inventors: Krassen Dimitrov
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Filed: July 3, 2001
Page 4

I hereby assert that the Party is entitled to be accorded Small Entity Status by the USPTO for the application or patent identified above. § 1.27(c)(1).

I understand that Small Entity Status must be newly determined when the issue fee and each maintenance fee is due. If there is any change resulting in loss of entitlement to Small Entity Status, I acknowledge the duty to file a notification to the USPTO in this application or patent before or upon paying the fee. § 1.27(g).

I understand that Small Entity Status must be separately established in any related application, including continuation, divisional, continuation-in-part, continued prosecution application or reissue application. § 1.27(c)(4).

I understand that any attempt to establish Small Entity Status improperly, deceptively or fraudulently will be considered a fraud practiced on the USPTO and may result in abandonment of the application or jeopardize the validity and enforceability of any resulting patent. § 1.27(h).

10/10/01

Date

G. Michael Arnold

Signature

Name: G. Michael Arnold

Title: Vice President

THE INSTITUTE FOR SYSTEMS BIOLOGY
4225 Roosevelt Way, N.E., Suite 200
Seattle, Washington 98105



EXECUTED POWER OF ATTORNEY FOR
PATENT APPLICATION BY ASSIGNEE
Attorney Docket No.: P-IS 4548
Serial No.: 09/898,743

I hereby certify that this correspondence is being deposited with
the United States Postal Service as first class mail in an
envelope addressed to: Box Missing Parts, Commissioner for
Patents, Washington, D.C. 20231, on October 26, 2001.

By David A. Gay
David A. Gay, Reg/ No. 39,200
October 26, 2001
Date of Signature



PATENT
Our Docket: P-IS 4548

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Krassen Dimitrov)
Serial No.: 09/898,743)
Filed: July 3, 2001)
For: METHODS FOR DETECTION AND QUANTIFICATION OF ANALYTES IN COMPLEX MIXTURES)
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231, on October 26, 2001.
By David A. Gay
David A. Gay, Reg. No. 39,200
October 26, 2001
Date of Signature

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
Attention: BOX MISSING PARTS

MISSING PARTS TRANSMITTAL

Dear Sir:

In response to the Notice to File Missing Parts mailed September 6, 2001, enclosed are:

- X 1. A copy of the Notice to File Missing Parts;
- X 2. An executed Declaration for Patent Application;
- X 3. A Recordation Form Cover Sheet and an executed Assignment;
- X 4. An executed Small Entity Statement;
- X 5. An executed Power of Attorney for Patent Application by Assignee;
- X 6. An executed Statement Under CFR 3.73(b) with copy of executed Assignment.

The filing fee has been calculated as shown below:

	NUMBER FILED		NUMBER EXTRA		RATE		FEE	
					SMALL ENTITY	OTHER ENTITY	SMALL ENTITY	OTHER ENTITY
TOTAL CLAIMS	84-20	=	64	x	\$9	\$18	=	\$576
INDEPEN- DENT CLAIMS	10-3	=	7	x	\$42	\$84	=	\$294
MULTIPLE DEPENDENT CLAIMS PRESENTED: YES <u>X</u> NO					\$140	\$280	=	\$0
					BASIC FEE		\$370	\$740
					TOTAL FEE		\$1,240	

- X 7. A check in the amount of \$1,345.00 to cover the filing fee of \$1,240.00, the surcharge fee of \$65.00, and \$40.00 for recording an Assignment for the application is enclosed.

Inventor: Krassen Dimitrov
Serial No.: 09/898,743
Filed: July 3, 2001
Page 2

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 03-0370. A duplicate copy of this sheet is enclosed.

X Any additional filing fees required under 37 C.F.R. 1.16.

X Any patent application processing fees under 37 C.F.R. 1.17.

X The Commissioner is hereby authorized to charge to Deposit Account No. 03-0370 any fees under 37 CFR 1.17 which may be required under 37 CFR 1.136(a)(3) for an extension of time in any concurrent or future reply requiring a petition for extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted

Date: October 26, 2001

By: David A. Gay

David A. Gay
Reg. No. 39,200

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7th Floor
San Diego, California 92122
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Facsimile: (858) 535-8949
USPTO CUSTOMER NO. 23601